

IF SELECTION

Structured Mode Syntax

```
IF SELECTION [NOT UNIQUE [IN [FIELDS] ] ] operand1 ...
  [THEN] statement...
  [ELSE statement...]
END-IF
```

Reporting Mode Syntax

```
IF SELECTION [NOT UNIQUE [IN [FIELDS] ] ] operand1 ...
  [THEN] { statement
           DO statement...DOEND }
  [ELSE { statement
          DO statement...DOEND } ]
```

| Operand | Possible Structure | | | | Possible Formats | | | | | | | | | | Referencing Permitted | Dynamic Definition |
|----------|--------------------|---|--|--|------------------|--|--|--|--|--|--|--|---|---|-----------------------|--------------------|
| Operand1 | S | A | | | A | | | | | | | | L | C | yes | no |

Function

The IF SELECTION statement is used to verify that in a sequence of alphanumeric fields one and only one contains a value.

The statements specified in the THEN clause will be executed if one of the following conditions is true:

- None of the specified fields (*operand1*) contains a value.
- More than one of the specified fields (*operand1*) contains a value.

This statement is generally used to verify that a terminal user has entered only one function in response to a map displayed via an INPUT statement.

Note:

If **no** action is to be performed if one of the conditions is met, you specify the statement IGNORE in the THEN clause.

Selection Field - operand1

As *operand1* you specify the fields which are to be checked.

If you specify a control variable (format C), it is considered to contain a value if its status has been changed to "MODIFIED".

Example

```

/* EXAMPLE 'IFSEL': IF SELECTION
/*****
DEFINE DATA LOCAL
  1 #A (A1)
  1 #B (A1)
END-DEFINE
/*****
INPUT 'SELECT FUNCTION:' //
  10X 'READ EMPLOYEES FILE:' #A
  10X 'READ VEHICLES FILE: ' #B
/*****
IF SELECTION NOT UNIQUE #A #B
  REINPUT 'PLEASE ENTER ONE FUNCTION ONLY:'
END-IF
/*****
IF #A NE ' '
  FETCH 'READEMPL'
END-IF
IF #B NE ' '
  FETCH 'READVEHC'
END-IF
/*****
END

```

SELECT FUNCTION:

READ EMPLOYEES FILE: x

READ VEHICLES FILE: x

PLEASE ENTER ONE FUNCTION ONLY:

SELECT FUNCTION:

READ EMPLOYEES FILE: x

READ VEHICLES FILE: x